

## New Weather Bureau Publication

*Technical Paper No. 46*, "Atmospheric Electric Measurement Results at Mauna Loa Observatory," by Wm. E. Cobb and B. B. Phillips, Washington, D.C., 1962, 252 pp. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C. Price \$1.25.

Presents hourly values of atmospheric electric variables with concurrent meteorological observations at Mauna Loa high altitude observatory for the period September 1, 1960, through August 31, 1961. The tabulated data were obtained from continuous and simultaneous surface measurements of the vertical potential gradient, the positive and negative electrical conductivity, the positive and negative small ion density, the rate of ionization, the air-earth current, and the positive or negative large ion density. While the measurements were generally continuous through all weather conditions, the data presented here include only those obtained during electrically "quiet" hours associated with fair weather at the observatory site.

### CORRECTION

Vol. 91, No. 1, Jan. 1963: Page 38, fourth line should read: " $U^2 + V^2 = C^2$  does *not* hold at the poles . . ."